Daily Maximum Composite Sample Concentration Limits (mg/l)				
Pollutant	Case I	Case II	Case III	Applicability
Aluminum	900	900	900	Contributory industries/ Discharges above background @1.3 mg/l
Arsenic	0.051	0.051	0.051	Contributory industries/ Discharges above background @0.0107 mg/l
Benzene	0.05	0.05	0.05	All discharges
Cadmium	0.5	0.35	0.30	Contributory industries/ Discharges above background @0.01 mg/l
Chromium, Total	4.1	4.1	4.1	All discharges
Copper	5.3	5.3	5.3	Contributory industries/ Discharges above background @0.063 mg/l
Cyanide	0.45	0.1	0.1	Contributory industries/Discharges above background @0.010 mg/l
Fluoride	36	13.4	10.8	All discharges
Formaldehyde	100	100	100	All discharges
Lead	1.0	1.0	1.0	Contributory industries/ Discharges above background @0.01 mg/l
Mercury	0.004	0.0008	0.0007	All discharges
Molybdenum	2.0	2.0	2.0	Contributory industries/ Discharges above background @0.025 mg/l
Nickel	2.0	2.0	2.0	Contributory industries/ Discharges above background @0.015 mg/l
Selenium	0.46	0.15	0.14	Contributory industries/ Discharges above background @0.002 mg/l
Silver	5.0	1.0	0.8	Contributory industries / Discharges above background @0.076 mg/l
Zinc	2.2	2.2	2.2	All discharges
Oils-Petroleum / Mineral	100	100	100	All discharges
Oils & Grease Animal/Vegetable	300	300	300	All discharges
Phenolic Compounds	2.0	2.0	2.0	All discharges
Total Toxic Organic	3.2	3.2	3.2	All discharges
BTEX	0.75	0.75	0.75	All discharges
pH	5.0 - 11.5	5.0 - 11.5	5.0 - 11.5	All discharges
Temperature	140° F	140° F	140° F	All discharges

Notes:

Case I = City's NPDES permit based on maintenance of minimum guaranteed Rio Grande Flow @ 162.5 MGD (approximately 250 CFS).

Case II = City's NPDES permit based on statistical critical low flow per New Mexico Water Quality Standards, 16 MGD (approximately 25 CFS).

Case III = City's NPDES permit based on zero Rio Grande flow per Pueblo of Isleta Water Quality Standards (drought condition).

1. The above river flow conditions are those specified in the city's NPDES discharge permit issued by Region 6 — EPA, Dallas, Texas. All three scenarios are listed in the city's permit with Case II or Case III applying in the event of Case I, minimum guaranteed river flow, being invalidated per conditions in the city's NPDES permit.

2. Contributory industries/discharges, where indicated as applicable, are those dischargers with measured or anticipated concentrations above the stated background concentrations. All other dischargers are limited to the background concentrations as noted. Certain parameters (arsenic, aluminum and silver) have interim limits calculated pending the outcome of studies in progress for the city's 1998 NPDES discharge permit renewal. Future revision of these, and other, parameters may be necessary in the future.

3. The above concentration limits have been based, where possible, on technically determined maximum allowable plant headworks loadings. A safety and growth factor of 20% was used. Once additional loadings are determined to reduce the safety and growth factor to 10%, new concentration limits will need to be considered resulting in potentially lower discharge limits.